

REMARKS

Claims 1-32 remain pending in the application. By this amendment, Applicant amends claims 3, 7, 20, and 26. Support for these amendments can be found throughout the specification, claims, and drawings as originally filed. No new matter is added. Applicant respectfully requests the Examiner reconsider and withdraw the rejections in view of the amendments and remarks contained herein. Applicant also respectfully requests the Examiner elaborate the disposition of claims 27-29. These claims were only rejected under § 112 and not on any prior art grounds.

REJECTION UNDER 35 U.S.C. § 112

Claims 20-32 stand rejected under 35 U.S.C. § 112, second paragraph, as being indefinite for failing to particularly point and distinctly claim the subject matter which Applicant regards as the invention. This rejection is respectfully traversed.

Notwithstanding, Applicant amends claims 20 and 26. Amended claim 20 calls for a hologram master for reproducing a color three-dimensional image of an object, wherein a plurality of hologram regions with interference fringes, formed by interference between an object wave and a reference wave, recorded therein by a color component are placed on the same hologram surface. Claim 26 calls for a hologram master manufacturing method, wherein a photosensitive material is applied to a substrate, and the photosensitive material is exposed and developed to form, on said photosensitive material, a plurality of hologram regions with interference fringes, formed by interference between an object wave and a reference wave, recorded therein by a color component.

Applicant respectfully submits that claims 20 and 26, as well as claims 21-25 and 27-32, now particularly point out and distinctly claim the subject matter Applicant regards as the invention. As such, Applicant respectfully requests reconsideration and withdrawal of this rejections.

REJECTION UNDER 35 U.S.C. § 102

Claims 20-26 and 30-32 stand rejected under 35 U.S.C. § 102(e) as being anticipated by Daiber, et al. (U.S. Pat. No. 6,322,933). This rejection is respectfully traversed.

Claims 20 calls for a hologram master for reproducing a color three-dimensional image of an object, wherein a plurality of hologram regions with interference fringes, formed by interference between an object wave and a reference wave, recorded therein by a color component are placed on the same hologram surface. Claims 21-25 and 30-32 depend from claim 25. Claim 26 calls for a hologram master manufacturing method, wherein a photosensitive material is applied to a substrate, and the photosensitive material is exposed and developed to form, on said photosensitive material, a plurality of hologram regions with interference fringes, formed by interference between an object wave and a reference wave, recorded therein by a color component.

Daiber relates to holographic storage for storing data using coherent light and fails to disclose “a hologram master for reproducing a color three-dimensional image of an object, wherein a plurality of hologram regions with interference fringes, formed by interference between an object wave and a reference wave, recorded therein by a color component are placed on the same hologram surface”. Daiber also fails to disclose “a

hologram master manufacturing method, wherein a photosensitive material is applied to a substrate, and the photosensitive material is exposed and developed to form, on said photosensitive material, a plurality of hologram regions with interference fringes, formed by interference between an object wave and a reference wave, recorded therein by a color component”.

Accordingly, Applicant respectfully requests reconsideration and withdrawal of these rejections.

REJECTION UNDER 35 U.S.C. § 103

Claims 1, 2 and 4-6 stand rejected under 35 U.S.C. § 103 as being unpatentable over Ohno, et al. (U.S. Pat. No. 6,507,557) in view of common knowledge in the art. This rejection is respectfully traversed.

The office action correctly acknowledges that Ohno fails to disclose “an optical system mounted on a linear slider to condense laser light on a processed member”. The office action alleges that it is well known in the art to have an optical head mounted on a linear slider. Applicant disagrees.

The claimed invention has the effect of drawing a prescribed pattern on a processed member with high accuracy and in a short amount of time. Advantageously, the claimed invention accomplishes this without the need for a complicated operation performed by an X-Y table. This is done by combining the rotation of the processed member and the linear motion of the optical system. This effect is not disclosed (or suggested) in Ohno and is not readily apparent to one skilled in the art.

Accordingly, Applicant respectfully requests reconsideration and withdrawal of these rejections.

ALLOWABLE SUBJECT MATTER

Applicant acknowledges with thanks the allowance of claims 8 – 19.

The Examiner states that claims 3 and 7 would be allowable if rewritten in independent form. Accordingly, Applicant amends claims 3 and 7 to include the limitations of each base claim and any intervening claims. Therefore, claims 3 and 7 should now be in condition for allowance.

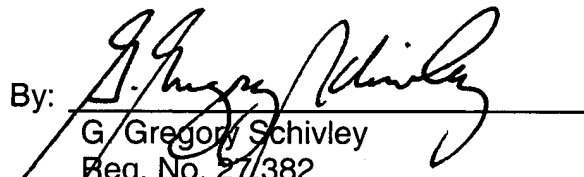
CONCLUSION

It is believed that all of the stated grounds of rejection have been properly traversed, accommodated, or rendered moot. Applicant therefore respectfully requests that the Examiner reconsider and withdraw all presently outstanding rejections. It is believed that a full and complete response has been made to the outstanding Office Action, and as such, the present application is in condition for allowance. Thus, prompt and favorable consideration of this amendment is respectfully requested.

If the Examiner believes that personal communication will expedite prosecution of this application, the Examiner is invited to telephone the undersigned at (248) 641-1600.

Respectfully submitted,

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